



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: $350\text{ nm}-2.0\text{ }\mu\text{m}$
3. DIAMETER TOLERANCE: $+0.0/-0.1\text{ mm}$
4. THICKNESS TOLERANCE: $\pm 0.1\text{ mm}$
5. FOCAL LENGTH: $f=300.0\text{ mm}\pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=293.4\text{ mm}$
7. CLEAR APERTURE: $>90\%CA$
8. SURFACE QUALITY(S/D)(S1,S2): $40/20$
9. SURFACE FLATNESS(S1): $\lambda/2 @ 632.8\text{ nm}$
10. SURFACE POWER(S2): $3\lambda/2 @ 632.8\text{ nm}$
11. SURFACE IRREGULARITY(S2): $\lambda/4 @ 632.8\text{ nm}$
12. CENTRATION: $<3\text{ arcmin}$
13. CHAMFER: $<0.2\text{ mm}, 45^\circ$
14. COATING(S1,S2): UNCOATED

DRAWING PROJECTION			LBTEK			
	NAME	DATE	CX10919			
	DRAWN	BSHU	JUL./22th/24		$\phi 75.0\text{ mm}, f=300.0\text{ mm}$ PLANO CONVEX LENS UNCOATED	
APPROVAL	WCHENG	JUL./22th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	85.06 g	1:2	B